

Claims

1. Cleaning device for exterior surfaces of a motor vehicle, comprising at least one nozzle having at least one outlet opening which is directed toward the surface to be cleaned, and which is connected to at least one feed line for a cleaning medium, characterized in that the outlet opening (15, 15b) of the nozzle (5, 5b) has a slot-shaped design and is part of a channel (23, 23b) which is provided at the outlet end of the nozzle (5, 5b).
2. Cleaning device according to Claim 1, characterized in that the outlet opening (15) is provided at the edge of the surface (4') to be cleaned.
3. Device according to Claim 1 or 2, characterized in that a portion of the surface (4') to be cleaned is adjacent to the channel (23).
4. Device according to Claim 1 or 2, characterized in that the channel (23b) is bordered by two wall segments (14b, 28) of the nozzle (5b).
5. Device according to one of Claims 1 through 4, characterized in that the depth of the channel (23, 23b) is greater than the height thereof.
6. Device according to one of Claims 1 through 5, characterized in that the depth of the channel (23, 23b) is a multiple larger than the height thereof.

- 11 -

7. Device according to one of Claims 1 through 6,
characterized in that the channel (23, 23b) has a constant
cross section.
8. Device according to one of Claims 1 through 7,
characterized in that the channel (23, 23b) has an
approximately rectangular contour in the front view.
9. Device, in particular according to one of Claims 1 through 8,
characterized in that the nozzle (5) is designed as one piece
with a holder (3) which supports the surface (4') to be cleaned.
10. Device according to one of Claims 1 through 8,
characterized in that the nozzle (5b) is attached to the mirror
glass holder (3b), preferably by gluing, clipping, plugging in, or
the like.
11. Device according to one of Claims 1 through 10,
characterized in that the feed line (6, 6b) is designed as one
piece with the nozzle (5, 5b).
12. Device according to one of Claims 1 through 11,
characterized in that the nozzle (5, 5b) is situated in a corner
region (7) of the surface (4') to be cleaned.
13. Device according to one of Claims 1 through 12,
characterized in that the nozzle (5, 5b) extends over at least
one edge region (18) of the surface (4') to be cleaned.
14. Device according to one of Claims 4 through 13,
characterized in that the one wall segment (14, 14b) of the

- 12 -

channel (23, 23b) makes a transition to the interior (19) of the nozzle (5, 5b) via a step.

15. Device according to one of Claims 1 through 14, characterized in that the feed line (6, 6b) is situated behind the surface (4') to be cleaned.
16. Device according to one of Claims 1 through 15, characterized in that the surface (4') to be cleaned is part of a mirror glass (4) in an external rear-view mirror of a motor vehicle.
17. Device, in particular according to one of Claims 1 through 16, characterized in that the device is a built-in module.
18. Device according to one of Claims 1 through 17, characterized in that a feed chamber (16) connected to the channel (23, 23b) opens into the feed line (6, 6b).